May 31, 2016
2387-354-04-12

ARCELORMITTAL STEEL USA

JANUARY THROUGH MARCH 2016
DIESEL FUEL FREE PRODUCT RECOVERY
Locomotive and Mobile Equipment Shop

250 WEST US HIGHWAY 12
BURNS HARBOR, INDIANA

PREPARED BY

Weaver Consultants Group

7121 Grape Road
Granger, Indiana 46530
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Weaver Consultants Group

May 31, 2016

Ms. Theresa Kirk, Environmental Engineer
ArcelorMittal Burns Harbor, LLC
250 West U.S. Highway 12
Burns Harbor, IN 46304-9745

Re: Quarterly Report
January 2016 through March 2016
Diesel Fuel Free Product Recovery
Locomotive and Mobile Equipment Shop

Dear Ms. Kirk:

Weaver Consultants Group, LLC (WCG), formerly d/b/a Weaver Boos Consultants, has completed this report as described in WCG Budgetary Quote M90405S, dated December 10, 2015, and as authorized by ArcelorMittal Steel USA (ArcelorMittal) Purchase Order B495986. This report provides additional data subsequent to the 2Q2015 closure and termination request report. The data collected during continued operations in 1Q2016 reaffirm that remediation is complete to the extent practicable.

Background Information and Purpose

A subsurface release of diesel fuel was discovered north of the Locomotive and Mobile Equipment Shop during a routine construction project in December 2007. The release was encountered during excavation for a foundation pier for a new locomotive fuel dispensing system. A likely source of the release was subsequently found to be the underground pipe that formerly conveyed the diesel fuel from the above ground storage tank (AST) to the former locomotive fueling rack at the locations shown on **Figure 1**.

Immediate responses mounted by ArcelorMittal included the use of a vacuum truck to recover liquid diesel fuel and water found perched in shallow subsurface fill soil. Follow-up responses included the excavation and off-site disposal of approximately 3,100 cubic yards of diesel fuel-impacted soil and recovery of liquid diesel fuel using a vacuum truck beginning on December 5, 2007. The volume of diesel fuel vacuumed directly from the excavation was not measured or tallied, but is estimated by WCG to have comprised

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several thousand gallons based on our visual observations of the effort. When the excavation was concluded April 8, 2008, soil samples indicated that the sidewall banks were remediated to Indiana Department of Environmental Management (IDEM) industrial default closure levels. The occurrence of groundwater at approximately 8 to 10 ft below ground surface precluded the removal of deeper soils exceeding industrial default closure levels at the base of the excavation, as did the need to restore two rail lines that were temporarily removed to facilitate the remediation. By May 6, 2008, the excavation was backfilled and replacement of the tracks was substantially complete. The foregoing response actions are described in the following report: *Corrective Action Completion Report for Diesel Fuel-Impacted Soil*, July 31, 2008, Weaver Boos Consultants, LLC, South Bend, Indiana.

As the soil remediation was being completed in early 2008, ArcelorMittal was aware that free product remained along the surface of the water table, and therefore retained WCG to design, install, and operate a free product recovery system utilizing vacuum enhanced in-well skimming technology. The free product recovery system was completed and placed into operation on March 18, 2009 as described in the following report: Progress Report, Diesel Fuel Free Product Recovery, Locomotive and Mobile Equipment Shop, dated August 4, 2009. This report summarizes the continuing operation of the remediation system and results obtained through the first quarter of 2016 (1Q2016).

Operations and Maintenance

Operation of the remediation system has been nearly continuous since it was placed into service. WCG operated, monitored, and maintained the system during weekly site visits consistent with the standard operating procedure (SOP) provided with the first written progress report. Performance is measured by gauging the accumulation tank and by checking the apparent thickness of diesel fuel free product in the recovery wells. Operating parameters requiring adjustment include setting the vacuum level (12 to 16 inches of water) and setting the pump intake levels to match fluctuating groundwater levels in the wells. Maintenance items included checking and replacement of the vapor extraction system's inline filter as needed, checking and replacement of the air compressor intake filter as needed, regular replacement of the air compressor

lubricating oil, and clearing the vapor extraction collection lines of condensate each week.

Weekly operations and maintenance report forms completed between January 6, 2016 and March 26, 2016 are provided in **Appendix A**.

Results

The remediation system has thus far recovered approximately 1,418 gallons of diesel fuel and approximately 2,417 gallons of ancillary groundwater since remediation began on March 18, 2009. The quantities of diesel fuel and water collected by the remediation system are summarized on **Table 1**. For 1Q2016, the final volume of fuel in the accumulation tank did not noticeably increase from 4Q2015. The recovery of diesel fuel in the first quarter was estimated at 1 gallon.

Cumulative diesel fuel recovered is charted as shown on **Figure 2**. The chart of cumulative free product recovered shows relatively rapid and steady accumulation through 2009 when 598 gallons were recovered. After 2009, the accumulation of free product tapered. An increase in the rate of accumulation of free product occurred in the spring/summer of 2010, 2011, 2012, and 2013. Seasonality of free product recovery remains apparent as shown on the following table, but the quarterly collection of free product as a whole has been trending to de minimis quantities.

Quarter	Year							Subtotals:	Percent of Subtotal:
	2010	2011	2012	2013	2014	2015	2016		
1Q	16	17	13	19	3	3	1	72	8.73%
2Q	71	64	12	69	22	10	-	248	30.09%
3Q	73	198	30	104	9	7	-	421	51.09%
4Q	32	16	23	10	0	2	-	83	10.07%
Subtotals:	192	295	78	202	34	22	1	824	100.00%

The calculated rate of diesel fuel recovery (gallons per day) is charted on **Figure 3**. Negative rates reflect either difficulty in accurately reading the water level in the accumulation tank by our operator who uses color-changing water-finding paste applied

to a tape measure for this purpose, or possibly the cross-dissolution of water and oil between the separate liquid phases. Several peaks approaching 8 gallons per day are indicated since remediation began, but the average rate is usually much lower. The quarter ending March 2015 shows no significant recovery because RW-3 and RW-4 were inactive for the entire period. Remediation wells RW-1 and RW-2 typically have not showed any measurable thickness of free product since 2013.

The apparent thickness of free product measured in recovery wells RW-1, RW-2, RW-3, and RW-4 is listed in **Table 2**. The thickness is described as "apparent" because it represents what is present in the well at the time of measurement and does not necessarily represent the thickness of mobile free product in the aquifer. The actual thickness in the aquifer formation is usually less than the apparent thickness measured in a well. Additionally, the applied vacuum tends to increase the thickness of free product in a well, while the regular pumping of the recovery wells reduces its thickness. Time trends of apparent free product thickness are charted for the recovery wells as shown in **Figure 4**. The apparent thickness of free product measured during 1Q2016 remained at zero inches in RW-1, RW-2, and RW-4. The apparent thickness of free product measured RW-3 was zero inches each week of 1Q2016 except for a single measurement of 0.5- inches on March 25, 2016.

Conclusions

With consideration for our observations, measurements, results obtained, and the relevant standards for assessing the effectiveness of corrective measures for petroleum release(s), WCG concludes the following consistent with prevailing professional principles and practice:

1. Immediate responses mounted by ArcelorMittal to the historical release of diesel fuel included the use of a vacuum truck to recover liquid diesel fuel and water found perched in shallow subsurface fill soil. Follow up responses included the excavation and off-site disposal of approximately 3,100 cubic yards of diesel fuel-impacted soil and recovery of additional liquid diesel fuel using a vacuum truck beginning on December 5, 2007. When the excavation was concluded April 8,

2008, soil samples indicated that the sidewall banks were remediated to industrial default closure levels.

2. The occurrence of groundwater at approximately 8 to 10 ft below ground surface precluded the removal of deeper soils exceeding industrial default closure levels at the base of the excavation, as did the need to restore two rail lines that were temporarily removed to facilitate the remediation. By May 6, 2008, the excavation was backfilled and replacement of the tracks was substantially complete.

3. Following the remediation of the accessible diesel fuel-impacted soil, active recovery of free product from began in March 2009 and continued through December 2015. The remediation system has thus far recovered approximately 1,418 gallons of diesel fuel. The measured recovery of diesel fuel in 1Q2016 was approximately 1 gallon. This indicates a de minimis recovery rate of less than 2 gallon per month, which is a termination criteria listed in EPA's 1996 Guide for State Regulators: How to Effectively Recover Free Product at Leaking Underground Storage Tanks Sites (EPA 510-R-96-001).

4. The remediation system continues to operate as designed, but practicably recoverable free product is now exhausted.

Recommendations

Corrective measures continuing since 2008 have successfully recovered the diesel fuel release to the extent practicable, and risks posed to human health or the environment by remaining residual diesel fuel have been reduced to a negligible level as discussed herein. Therefore, WCG again recommends and requests that the remedial operation be terminated. This is expected to include suspending active remediation, monitoring for rebound, and further exploration for free product in downgradient areas to the northwest of RW-3 and RW-4.

Qualifications and Limitations

Weaver Consultants Group prepared this Report using a defined scope of services considered appropriate and agreed upon by all parties on the date the service was authorized and in accordance with generally accepted practices in a manner consistent with that level of care exercised by other members of our profession in the same locality and practicing under similar circumstances. Our professional opinions are based upon our review of historical data and information, our visual observations of the subsurface conditions, and the results we obtained during remediation and monitoring. Conditions in areas not specifically sampled or analyzed may differ. Although the scope of work is believed by WCG to be appropriate to address the stated objectives, we note that no environmental assessment can completely eliminate uncertainty with respect to the presence, nature, concentration, or extent of contaminants of potential concern in soil or groundwater.

We appreciate this opportunity to be of service. If you should have any questions or comments concerning this proposal, please do not hesitate to call me at (574) 271-3447.

Very truly yours,
Weaver Consultants Group, LLC

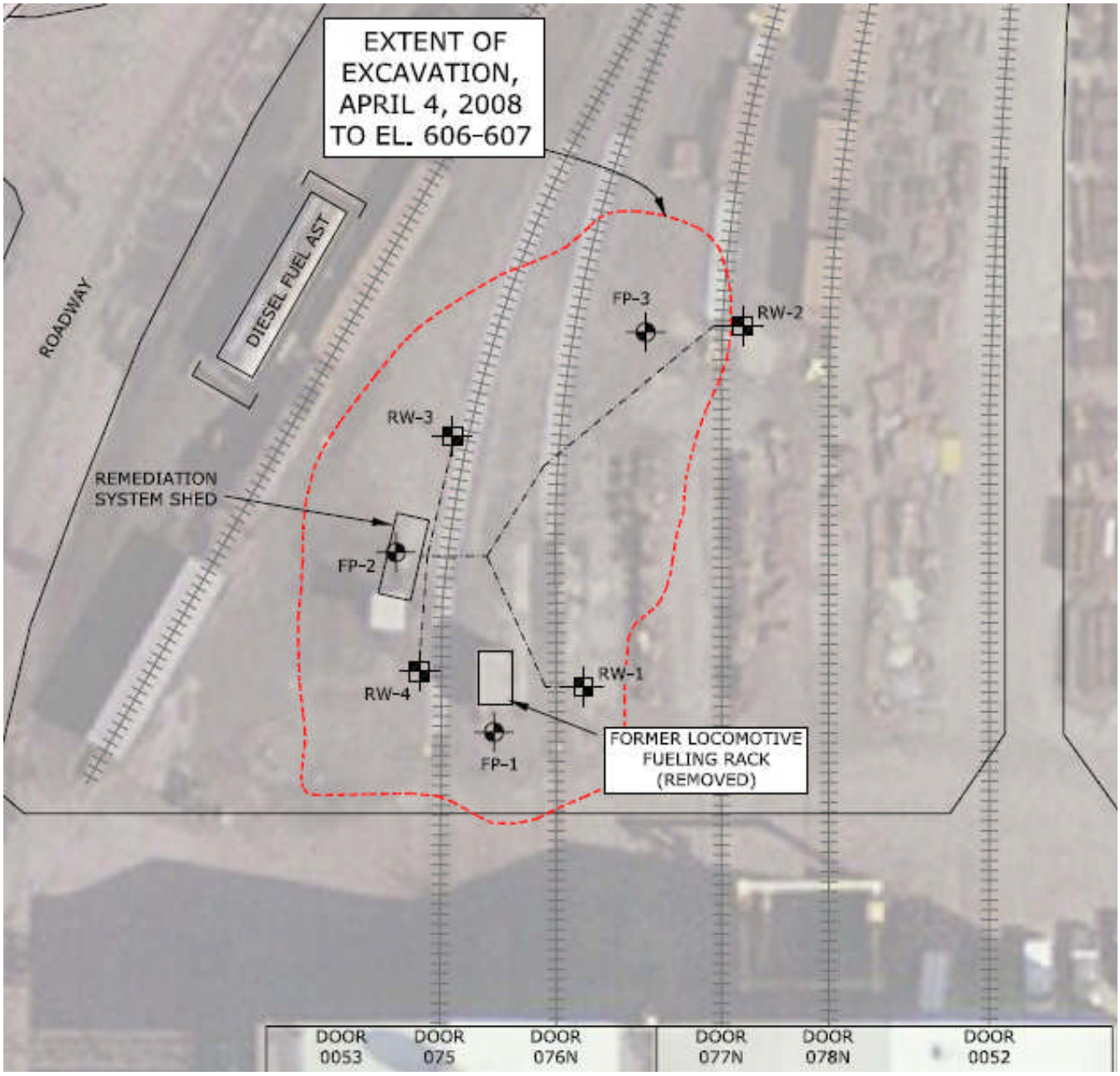
Steven M. Stanford, LPG
Manager, Granger Environmental Operations

David Ekkens,
Environmental Specialist

Attachments:

Figure 1 – Remediation System Layout, Locomotive & Mobile Equipment Shop
Figure 2 – Cumulative Free Product Recovery
Figure 3 – Rate of Diesel Fuel Recovery
Figure 4 – Apparent Thickness of Free Product in Wells
Table 1 – Diesel Fuel Free Product Recovery Summary
Table 2 – Apparent Thickness of Free Product in Wells
Appendix A – Weekly Operations and Maintenance Reports

FIGURES



LEGEND:

- FREE PRODUCT RECOVERY WELL
- FREE PRODUCT PIEZOMETER
- EXCAVATION EXTENTS
- RAILROAD TRACK
- AIR SUPPLY AND PRODUCT DISCHARGE LINES BURIED 24 TO 36 INCHES

REMEDIATION SYSTEM LAYOUT
LOCOMOTIVE & MOBILE EQUIPMENT SHOP

ARCELORMITTAL BURNS HARBOR, LLC
BURNS HARBOR, INDIANA

WEAVER BOOS CONSULTANTS

CHICAGO, IL FT. WORTH, TX	SOUTH BEND, IN (574) 271-3447	NAPERVILLE, IL SPRINGFIELD, IL
DRAWN BY: SMS	DATE: 12/14/09	FILE: 2387354-04
REVIEWED BY: SMS	CAD: SitePL.tcw	FIGURE 1

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FIGURE 2
Cumulative Free Product Recovered
Locomotive and Mobile Equipment Shop

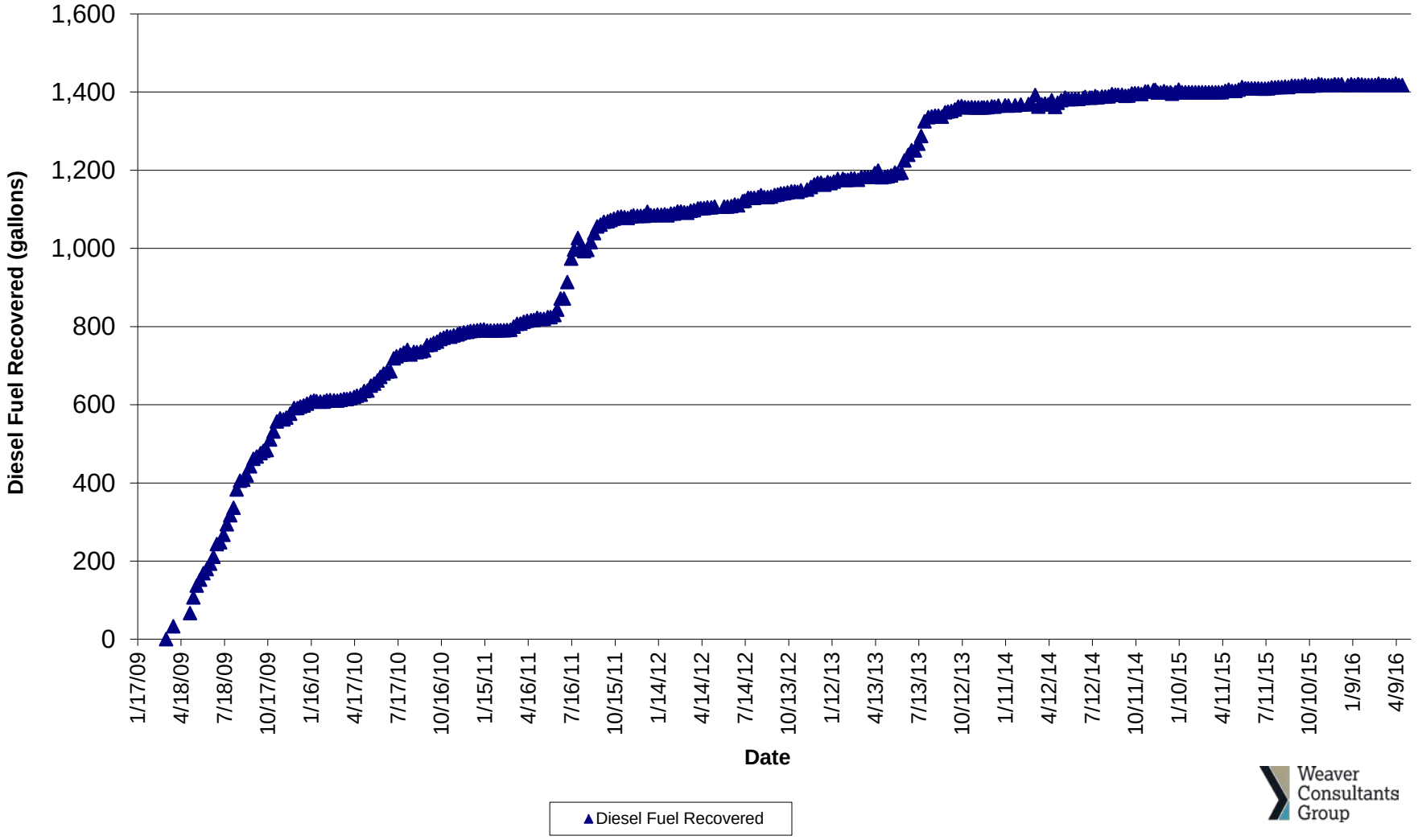

FIGURE 3
Rate of Diesel Fuel Recovery (gallons per day)
Locomotive and Mobile Equipment Shop

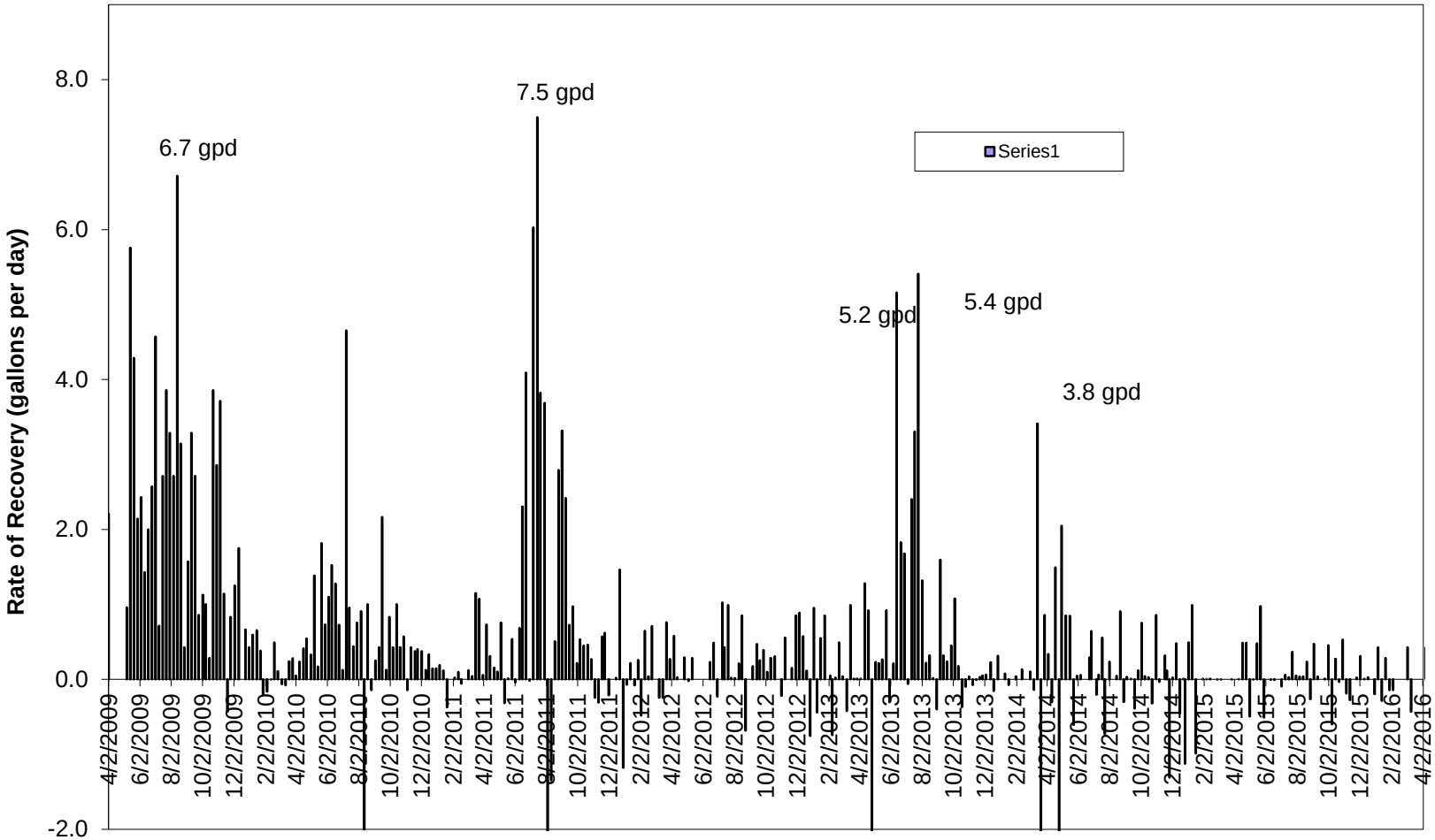

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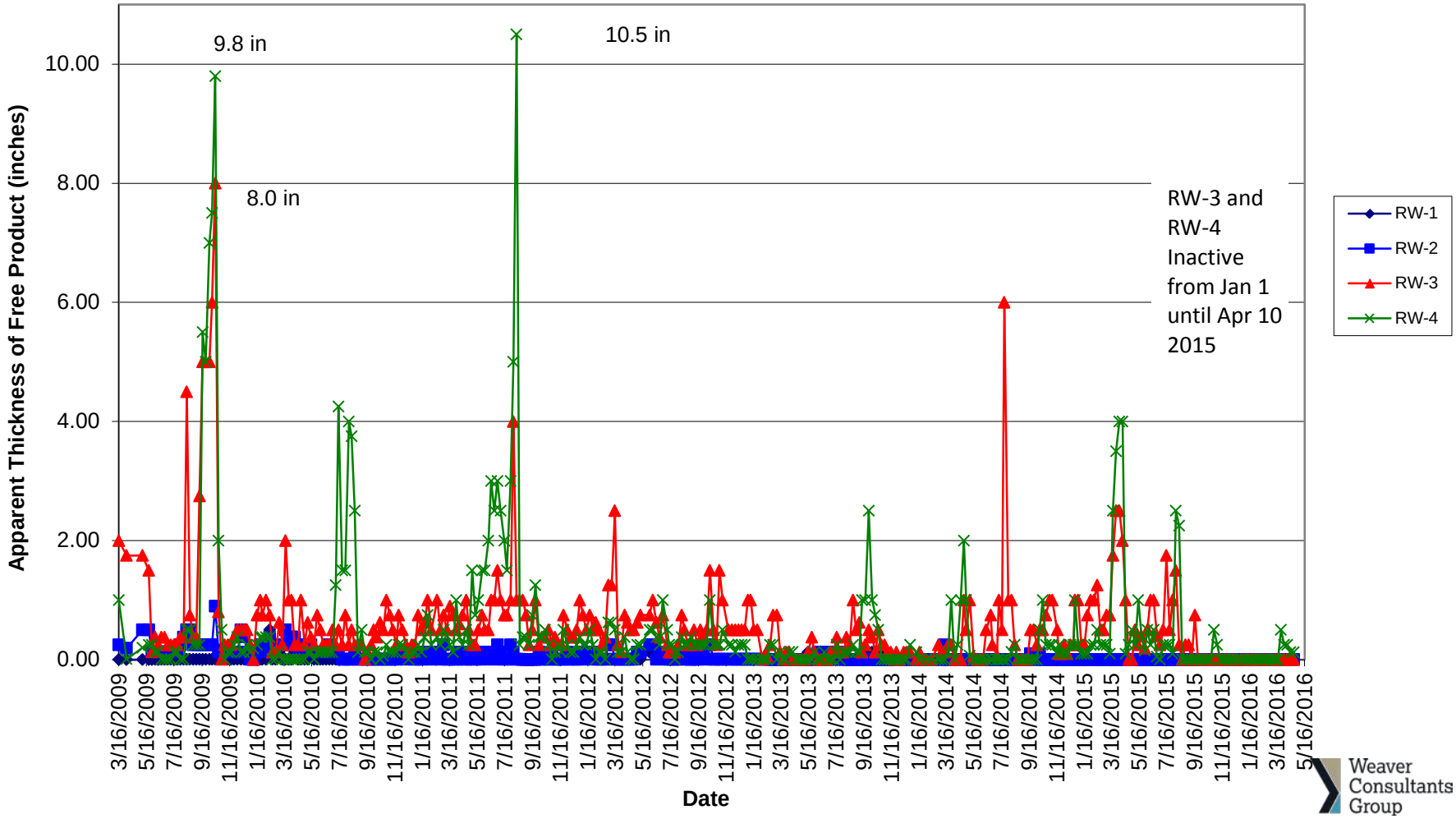
FIGURE 4
Apparent Thickness of Free Product in Wells
Locomotive and Mobile Equipment Shop



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TABLES

Table 1
Diesel Fuel Free Product Recovery Summary
Locomotive and Mobile Equipment Repair Shop
ArcelorMittal Burns Harbor, LLC
Burns Harbor, Indiana

Date	Water in Recovery Tank (gallons)	Cumulative Total Ancillary Groundwater Removed from the Subsurface (gallons)	Diesel Fuel Product in Recovery Tank (gallons)	Cumulative Total Diesel Fuel Product Removed from the Subsurface (gallons)
3/18/2009	0	0	0	0
4/2/2009	9	9	33	33
5/7/2009	17	17	67	67
5/14/2009	15	15	107	107
5/21/2009	21	21	137	137
5/28/2009	19	19	152	152
6/4/2009	22	22	169	169
6/11/2009	25	25	179	179
6/18/2009	25	25	193	193
6/25/2009	21	21	211	211
7/2/2009	23	23	243	243
7/9/2009	25	25	248	248
7/16/2009	25	25	267	267
7/23/2009	26	26	294	294
7/30/2009	26	26	317	317
8/6/2009	26	26	336	336
8/13/2009	12	38	47	383
8/20/2009	12	38	69	405
8/27/2009	12	38	72	408
9/3/2009	12	38	83	419
9/10/2009	13	39	106	442
9/17/2009	13	39	125	461
9/24/2009	13	39	131	467
10/2/2009	14	40	140	476
10/8/2009	15	41	146	482
10/15/2009	15	41	148	484
10/22/2009	16	42	175	511
10/29/2009	16	42	195	531
11/5/2009	31	57	221	557
11/12/2009	47	73	229	565
11/19/2009	57	83	226	562
11/25/2009	62	88	231	567
12/3/2009	62	88	241	577
12/11/2009	62	88	255	591
12/18/2009	63	89	255	591
12/24/2009	64	90	259	595
12/31/2009	64	90	262	598
1/7/2010	62	88	266	602
1/15/2010	62	88	271	607
1/22/2010	59	85	274	610
1/27/2010	62	88	273	609
2/4/2010	63	89	272	608
2/12/2010	63	89	272	608
2/18/2010	62	88	275	611
2/25/2010	64	90	276	612
3/5/2010	66	92	275	611
3/12/2010	67	93	274	610
3/19/2010	67	93	276	612

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Burns Harbor, Indiana

Date	Water in Recovery Tank (gallons)	Cumulative Total Ancillary Groundwater Removed from the Subsurface (gallons)	Diesel Fuel Product in Recovery Tank (gallons)	Cumulative Total Diesel Fuel Product Removed from the Subsurface (gallons)
3/26/2010	68	94	278	614
4/1/2010	69	95	278	614
4/8/2010	70	96	280	616
4/16/2010	70	96	283	619
4/22/2010	70	96	287	623
4/30/2010	70	96	289	625
5/7/2010	71	97	299	635
5/14/2010	73	99	300	636
5/21/2010	73	99	313	649
5/28/2010	75	101	318	654
6/4/2010	75	101	326	662
6/10/2010	75	101	335	671
6/17/2010	75	101	344	680
6/24/2010	3	104	5	685
7/1/2010	3	104	6	686
7/8/2010	6	107	38	718
7/14/2010	29	130	44	724
7/22/2010	42	143	47	727
7/29/2010	98	199	53	733
8/6/2010	151	252	60	740
8/12/2010	204	305	48	728
8/19/2010	245	346	55	735
8/26/2010	286	387	54	734
9/3/2010	313	414	56	736
9/10/2010	327	428	59	739
9/16/2010	7	435	13	752
9/24/2010	9	437	14	753
9/30/2010	13	441	19	758
10/7/2010	15	443	22	761
10/14/2010	18	446	29	768
10/21/2010	19	447	32	771
10/28/2010	21	449	36	775
11/4/2010	19	447	35	774
11/11/2010	19	447	38	777
11/19/2010	21	449	41	780
11/24/2010	22	450	43	782
12/2/2010	22	450	46	785
12/10/2010	22	450	47	786
12/16/2010	22	450	49	788
12/23/2010	22	450	50	789
12/30/2010	22	450	51	790
1/6/2011	22	450	52	791
1/13/2011	22	450	53	792
1/20/2011	23	451	51	790
1/27/2011	23	451	51	790
2/4/2011	24	452	51	790
2/11/2011	24	452	51	790
2/17/2011	25	453	51	790
2/24/2011	25	453	51	790
3/3/2011	26	454	52	791

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Locomotive and Mobile Equipment Repair Shop
ArcelorMittal Burns Harbor, LLC
Burns Harbor, Indiana

Date	Water in Recovery Tank (gallons)	Cumulative Total Ancillary Groundwater Removed from the Subsurface (gallons)	Diesel Fuel Product in Recovery Tank (gallons)	Cumulative Total Diesel Fuel Product Removed from the Subsurface (gallons)
3/10/2011	26	454	52	791
3/17/2011	21	449	60	799
3/24/2011	24	452	68	807
3/31/2011	33	461	68	807
4/7/2011	34	462	73	812
4/14/2011	35	463	75	814
4/22/2011	36	464	77	816
4/28/2011	42	470	77	816
5/5/2011	49	477	83	822
5/12/2011	59	487	80	819
5/19/2011	67	495	81	820
5/27/2011	73	501	85	824
6/2/2011	78	506	85	824
6/10/2011	84	512	90	829
6/16/2011	87	515	104	843
6/23/2011	95	523	133	872
6/30/2011	119	547	132	871
7/7/2011	132	560	175	914
7/15/2011	144	572	235	974
7/21/2011	6	578	23	997
7/29/2011	15	587	52	1,026
8/4/2011	64	636	28	1,002
8/11/2011	107	679	18	992
8/18/2011	119	691	22	996
8/25/2011	122	694	42	1,016
9/1/2011	122	694	65	1,039
9/8/2011	124	696	82	1,056
9/15/2011	124	696	87	1,061
9/22/2011	124	696	94	1,068
9/30/2011	124	696	95	1,069
10/6/2011	119	691	98	1,072
10/13/2011	119	691	102	1,076
10/21/2011	122	694	105	1,079
10/28/2011	124	696	107	1,081
11/4/2011	126	698	106	1,080
11/11/2011	128	700	103	1,077
11/18/2011	125	697	107	1,081
11/23/2011	122	694	110	1,084
12/1/2011	122	694	109	1,083
12/8/2011	122	694	109	1,083
12/15/2011	124	696	109	1,083
12/22/2011	112	684	119	1,093
12/29/2011	127	699	111	1,085
1/5/2012	129	701	110	1,084
1/12/2012	129	701	112	1,086
1/20/2012	132	704	111	1,085
1/27/2012	132	704	113	1,087
2/2/2012	135	707	110	1,084
2/9/2012	132	704	115	1,089
2/16/2012	133	705	115	1,089

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ArcelorMittal Burns Harbor, LLC
Burns Harbor, Indiana

Date	Water in Recovery Tank (gallons)	Cumulative Total Ancillary Groundwater Removed from the Subsurface (gallons)	Diesel Fuel Product in Recovery Tank (gallons)	Cumulative Total Diesel Fuel Product Removed from the Subsurface (gallons)
2/23/2012	132	704	120	1,094
3/1/2012	132	704	120	1,094
3/8/2012	132	704	118	1,092
3/15/2012	132	704	116	1,090
3/22/2012	133	705	122	1,096
3/29/2012	135	707	124	1,098
4/6/2012	132	704	128	1,102
4/12/2012	132	704	128	1,102
4/19/2012	132	704	128	1,102
4/26/2012	135	707	131	1,105
5/4/2012	136	708	130	1,104
5/11/2012	136	708	132	1,106
5/31/2012	136	708	132	1,106
6/7/2012	136	708	132	1,106
6/15/2012	138	710	134	1,108
6/22/2012	138	710	138	1,112
6/29/2012	140	712	136	1,110
7/9/2012	140	712	146	1,120
7/13/2012	140	712	148	1,122
7/20/2012	141	713	155	1,129
7/26/2012	143	715	155	1,129
8/2/2012	144	716	155	1,129
8/10/2012	144	716	157	1,131
8/16/2012	144	716	162	1,136
8/23/2012	151	723	157	1,131
8/30/2012	151	723	157	1,131
9/6/2012	0	723	1	1,132
9/14/2012	1	724	5	1,136
9/20/2012	4	727	7	1,138
9/27/2012	5	728	9	1,140
10/4/2012	5	728	10	1,141
10/11/2012	5	728	12	1,143
10/19/2012	6	729	15	1,146
10/26/2012	6	729	15	1,146
11/1/2012	7	730	13	1,144
11/8/2012	7	730	17	1,148
11/21/2012	7	730	19	1,150
11/29/2012	47	770	26	1,157
12/6/2012	78	801	32	1,163
12/13/2012	89	812	36	1,167
12/20/2012	108	831	37	1,168
12/27/2012	119	842	32	1,163
1/3/2013	122	845	38	1,169
1/9/2013	135	858	36	1,167
1/16/2013	148	871	39	1,170
1/24/2013	151	874	46	1,177
2/4/2013	164	887	47	1,178
2/8/2013	177	900	44	1,175
2/14/2013	184	907	44	1,175
2/21/2013	184	907	47	1,178

Table 1
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Burns Harbor, Indiana

Date	Water in Recovery Tank (gallons)	Cumulative Total Ancillary Groundwater Removed from the Subsurface (gallons)	Diesel Fuel Product in Recovery Tank (gallons)	Cumulative Total Diesel Fuel Product Removed from the Subsurface (gallons)
2/28/2013	197	920	48	1,179
3/8/2013	201	924	44	1,175
3/15/2013	207	930	51	1,182
3/22/2013	214	937	51	1,182
3/28/2013	221	944	51	1,182
4/4/2013	224	947	51	1,182
4/12/2013	224	947	62	1,193
4/19/2013	252	975	68	1,199
4/26/2013	289	1,012	51	1,182
5/3/2013	301	1,024	52	1,183
5/9/2013	301	1,024	54	1,185
5/16/2013	7	1,031	1	1,186
5/24/2013	12	1,036	9	1,194
5/30/2013	21	1,045	7	1,192
6/7/2013	28	1,052	9	1,194
6/13/2013	38	1,062	40	1,225
6/21/2013	62	1,086	54	1,239
6/28/2013	87	1,111	66	1,251
7/5/2013	122	1,146	66	1,251
7/12/2013	132	1,156	82	1,267
7/18/2013	146	1,170	102	1,287
7/25/2013	149	1,173	140	1,325
8/2/2013	156	1,180	151	1,336
8/9/2013	163	1,187	152	1,337
8/16/2013	167	1,191	154	1,339
8/23/2013	174	1,198	154	1,339
8/30/2013	187	1,211	152	1,337
9/6/2013	184	1,208	163	1,348
9/12/2013	1	1,209	2	1,350
9/19/2013	3	1,211	3	1,351
9/27/2013	5	1,213	7	1,355
10/4/2013	6	1,214	15	1,363
10/11/2013	7	1,215	16	1,364
10/18/2013	7	1,215	13	1,361
10/25/2013	8	1,216	13	1,361
11/1/2013	9	1,217	13	1,361
11/8/2013	10	1,218	12	1,360
11/15/2013	10	1,218	12	1,360
11/22/2013	11	1,219	12	1,360
11/27/2013	12	1,220	13	1,361
12/4/2013	12	1,220	13	1,361
12/13/2013	10	1,218	15	1,363
12/19/2013	10	1,218	14	1,362
12/27/2013	12	1,220	17	1,365
1/10/2014	12	1,220	18	1,366
1/17/2014	12	1,220	17	1,365
1/31/2014	12	1,220	18	1,366
2/12/2014	13	1,221	19	1,367
2/28/2014	15	1,223	21	1,369
3/7/2014	18	1,226	20	1,368

Table 1
Diesel Fuel Free Product Recovery Summary
Locomotive and Mobile Equipment Repair Shop
ArcelorMittal Burns Harbor, LLC
Burns Harbor, Indiana

Date	Water in Recovery Tank (gallons)	Cumulative Total Ancillary Groundwater Removed from the Subsurface (gallons)	Diesel Fuel Product in Recovery Tank (gallons)	Cumulative Total Diesel Fuel Product Removed from the Subsurface (gallons)
3/14/2014	29	1,237	44	1,392
3/21/2014	75	1,283	14	1,362
3/28/2014	78	1,286	20	1,368
4/4/2014	135	1,343	23	1,371
4/11/2014	207	1,415	20	1,368
4/18/2014	245	1,453	31	1,379
4/25/2014	259	1,467	14	1,362
4/30/2014	269	1,477	24	1,372
5/8/2014	269	1,477	31	1,379
5/16/2014	272	1,480	38	1,386
5/23/2014	320	1,528	33	1,381
5/30/2014	385	1,593	34	1,382
6/6/2014	5	1,598	0	1,382
6/13/2014	10	1,603	0	1,382
6/23/2014	7	1,600	3	1,385
6/27/2014	5	1,598	5	1,387
7/7/2014	13	1,606	3	1,385
7/11/2014	17	1,610	4	1,386
7/18/2014	17	1,610	8	1,390
7/23/2014	23	1,616	4	1,386
8/1/2014	23	1,616	6	1,388
8/8/2014	23	1,616	6	1,388
8/15/2014	26	1,619	6	1,388
8/22/2014	49	1,642	13	1,395
8/29/2014	59	1,652	11	1,393
9/4/2014	64	1,657	11	1,393
9/12/2014	67	1,660	11	1,393
9/19/2014	70	1,663	8	1,390
9/26/2014	78	1,671	9	1,391
10/3/2014	78	1,671	14	1,396
10/9/2014	84	1,677	15	1,397
10/16/2014	89	1,682	15	1,397
10/23/2014	119	1,712	12	1,394
10/31/2014	138	1,731	19	1,401
11/6/2014	132	1,725	19	1,401
11/17/2014	138	1,731	23	1,405
11/21/2014	157	1,750	23	1,405
11/26/2014	167	1,760	17	1,399
12/2/2014	177	1,770	17	1,399
12/9/2014	180	1,773	20	1,402
12/16/2014	194	1,787	17	1,399
12/23/2014	201	1,794	17	1,399
12/26/2014	207	1,800	14	1,396

Table 1
Diesel Fuel Free Product Recovery Summary
Locomotive and Mobile Equipment Repair Shop
ArcelorMittal Burns Harbor, LLC
Burns Harbor, Indiana

Date	Water in Recovery Tank (gallons)	Cumulative Total Ancillary Groundwater Removed from the Subsurface (gallons)	Diesel Fuel Product in Recovery Tank (gallons)	Cumulative Total Diesel Fuel Product Removed from the Subsurface (gallons)
1/2/2015	211	1,804	17	1,399
1/9/2015	228	1,821	24	1,406
1/16/2015	211	1,804	17	1,399
1/23/2015	228	1,821	17	1,399
1/30/2015	221	1,814	17	1,399
2/6/2015	231	1,824	17	1,399
2/13/2015	235	1,828	17	1,399
2/20/2015	238	1,831	17	1,399
2/27/2015	245	1,838	17	1,399
3/6/2015	248	1,841	17	1,399
3/13/2015	252	1,845	17	1,399
3/20/2015	255	1,848	17	1,399
3/27/2015	259	1,852	17	1,399
4/3/2015	259	1,852	17	1,399
4/10/2015	262	1,855	17	1,399
4/17/2015	265	1,858	21	1,403
4/24/2015	265	1,858	24	1,406
5/1/2015	272	1,865	21	1,403
5/8/2015	276	1,869	21	1,403
5/15/2015	279	1,872	24	1,406
5/22/2015	276	1,869	31	1,413
5/29/2015	293	1,886	27	1,409
6/4/2015	293	1,886	27	1,409
6/11/2015	296	1,889	27	1,409
6/18/2015	300	1,893	27	1,409
6/25/2015	300	1,893	27	1,409
7/2/2015	306	1,899	26	1,408
7/9/2015	313	1,906	27	1,409
7/16/2015	1	1,907	0	1,409
7/23/2015	5	1,911	3	1,412
7/30/2015	7	1,913	3	1,412
8/6/2015	13	1,919	3	1,412
8/13/2015	13	1,919	3	1,412
8/20/2015	54	1,960	5	1,414
8/27/2015	151	2,057	3	1,412
9/3/2015	157	2,063	7	1,416
9/10/2015	217	2,123	7	1,416
9/17/2015	221	2,127	7	1,416
9/24/2015	238	2,144	7	1,416
10/1/2015	323	2229	10	1,419
10/8/2015	419	2325	6	1,415
10/15/2015	0	2325	2	1,417
10/22/2015	9	2334	2	1,417
10/29/2015	13	2338	5	1,420
11/5/2015	21	2346	4	1,419
11/12/2015	23	2348	2	1,417
11/19/2015	23	2348	2	1,417
11/25/2015	26	2351	2	1,417
12/2/2015	29	2354	4	1,419

Table 1
Diesel Fuel Free Product Recovery Summary
Locomotive and Mobile Equipment Repair Shop
ArcelorMittal Burns Harbor, LLC
Burns Harbor, Indiana

Date	Water in Recovery Tank (gallons)	Cumulative Total Ancillary Groundwater Removed from the Subsurface (gallons)	Diesel Fuel Product in Recovery Tank (gallons)	Cumulative Total Diesel Fuel Product Removed from the Subsurface (gallons)
12/3/2015	29	2354	4	1,419
12/10/2015	31	2356	4	1,419
12/17/2015	35	2360	5	1,420
12/30/2015	41	2366	2	1,417
1/6/2016	44	2369	5	1,420
1/13/2016	52	2377	3	1,418
1/20/2016	52	2377	5	1,420
1/21/2016	52	2377	5	1,420
1/28/2016	59	2384	4	1,419
2/4/2016	70	2395	3	1,418
2/11/2016	78	2403	3	1,418
2/18/2016	81	2406	3	1,418
2/25/2016	84	2409	3	1,418
3/3/2016	84	2409	6	1,421
3/10/2016	87	2412	3	1,418
3/14/2016	87	2412	3	1,418
3/18/2016	92	2417	3	1,418
3/25/2016	92	2417	3	1,418

Note 1: The volume of water and diesel fuel contained in the tanks is based on dipstick measurements to the nearest 0.25 inch. The quantity of water is estimated using water-finding paste applied to the lower portion of the dipstick. Dipstick measurements are converted to gallons using a tank chart.

Note 2: *Tank emptied on August 6, 2009, June 17, 2010, September 10, 2010, July 15, 2011, August 30, 2012, May 9, 2013, September 6, 2013, and May 31, 2014

Table 2
Apparent Thickness of Free Product in Wells
Locomotive and Mobile Equipment Repair Shop
ArcelorMittal Burns Harbor, LLC
Burns Harbor, Indiana

Date	Apparent Thickness of Free Product Observed in Recovery Wells (Inches)			
	RW-1	RW-2	RW-3	RW-4
3/16/2009	0.00	0.25	2.00	1.00
4/2/2009	0.00	0.19	1.75	0.01
5/7/2009	0.00	0.50	1.75	0.20
5/21/2009	0.00	0.50	1.50	0.25
5/28/2009	0.00	0.13	0.13	0.25
6/4/2009	0.005	0.13	0.38	0.13
6/11/2009	Not Measured	0.13	0.25	0.13
6/18/2009	0.005	0.13	0.38	0.005
6/25/2009	0.005	0.13	0.38	0.005
7/2/2009	0.005	0.13	0.25	0.005
7/9/2009	0.005	0.13	0.25	0.005
7/16/2009	0.005	0.13	0.25	0.13
7/23/2009	0.005	0.13	0.25	0.13
7/30/2009	0.005	0.25	0.375	0.005
8/6/2009	0.005	0.375	0.375	0.005
8/13/2009	0.005	0.5	4.5	0.5
8/20/2009	0.005	0.5	0.75	0.5
8/27/2009	0.005	0.25	0.375	0.25
9/3/2009	0.005	0.25	0.375	0.25
9/10/2009	0.005	0.25	2.75	0.25
9/17/2009	0.005	0.25	5.0	5.5
9/24/2009	0.005	0.25	5.0	5.0
10/2/2009	0.005	0.25	5.0	7.0
10/8/2009	0.005	0.25	6.0	7.5
10/15/2009	0.005	0.9	8.0	9.8
10/22/2009	0.005	0.125	0.8	2.0
10/29/2009	0.19	0.125	0.005	0.5
11/5/2009	0.005	0.125	0.25	0.005
11/12/2009	0.005	0.125	0.25	0.125
11/19/2009	0.005	0.125	0.25	0.125
11/25/2009	0.005	0.125	0.375	0.25
12/3/2009	0.005	0.125	0.5	0.375
12/11/2009	0.005	0.5	0.5	0.125
12/18/2009	0.005	0.38	0.5	0.125
12/24/2009	0.005	0.125	0.5	0.25
12/31/2009	0.005	0.005	0.25	0.125
1/7/2010	0.005	---	---	0.188
1/15/2010	0.005	0.125	0.75	0.25
1/22/2010	0.005	0.25	1.0	0.375
1/27/2010	0.005	0.125	0.75	0.375
2/4/2010	0.005	0.25	1.0	0.375
2/12/2010	0.50	0.375	0.75	0.375
2/18/2010	0.005	0.125	0.125	0.005
2/25/2010	0.005	0.125	0.125	0.005
3/5/2010	0.125	0.25	0.625	0.125
3/12/2010	0.005	0.25	0.25	0.005
3/19/2010	0.005	0.5	2.0	0.005
3/26/2010	0.005	0.25	1.0	0.005

Table 2
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Locomotive and Mobile Equipment Repair Shop
ArcelorMittal Burns Harbor, LLC
Burns Harbor, Indiana

Date	Apparent Thickness of Free Product Observed in Recovery Wells (Inches)			
	RW-1	RW-2	RW-3	RW-4
4/1/2010	0.005	0.38	1.0	0.005
4/8/2010	0.125	0.375	0.25	0.005
4/16/2010	0.005	0.125	0.25	0.005
4/22/2010	0.005	0.25	1.0	0.0125
4/30/2010	0.005	0.13	0.25	0.005
5/7/2010	0.005	0.25	0.625	0.125
5/14/2010	0.125	0.25	0.375	0.125
5/21/2010	0.005	0.13	0.25	0.005
5/28/2010	0.005	0.125	0.75	0.125
6/4/2010	0.005	0.125	0.50	0.125
6/10/2010	0.005	0.125	0.25	0.125
6/17/2010	0.005	0.125	0.25	0.125
6/24/2010	0.005	0.25	0.25	0.125
7/1/2010	0.005	0.125	0.50	0.125
7/8/2010	0.005	0.125	0.25	1.25
7/14/2010	0.005	0.125	0.50	4.25
7/22/2010	0.005	0.005	0.25	1.50
7/29/2010	0.005	0.005	0.75	1.50
8/6/2010	0.005	0.005	0.25	4.00
8/12/2010	0.005	0.005	0.50	3.75
8/19/2010	0.005	0.125	0.25	2.50
8/26/2010	0.005	0.005	0.25	0.13
9/3/2010	0.005	0.005	0.25	0.50
9/10/2010	0.005	0.005	0.005	0.13
9/16/2010	0.005	0.005	0.13	0.13
9/24/2010	0.005	0.005	0.25	0.005
9/30/2010	0.005	0.005	0.50	0.125
10/7/2010	0.005	0.005	0.375	0.125
10/14/2010	0.005	0.005	0.625	0.005
10/21/2010	0.005	0.005	0.500	0.063
10/28/2010	0.005	0.005	1.0	0.25
11/4/2010	0.005	0.005	0.75	0.125
11/11/2010	0.005	0.005	0.50	0.125
11/19/2010	0.005	0.005	0.25	0.125
11/24/2010	0.005	0.125	0.75	0.25
12/2/2010	0.005	0.125	0.5	0.25
12/10/2010	0.005	0.005	0.25	0.125
12/16/2010	0.005	0.125	0.125	0.005
12/23/2010	0.005	0.125	0.25	0.125
12/30/2010	0.005	0.005	0.25	0.125
1/6/2011	0.005	0.005	0.75	0.25
1/13/2011	0.005	0.005	0.5	0.125
1/20/2011	0.005	0.125	0.625	0.375
1/27/2011	0.005	0.125	1.0	0.75
2/4/2011	0.005	0.005	0.5	0.25
2/17/2011	0.005	0.125	1.0	0.375
2/24/2011	0.125	0.005	0.5	0.25
3/3/2011	0.005	0.25	0.75	0.5
3/10/2011	0.005	0.005	0.5	0.4
3/17/2011	0.01	0.005	0.9	0.25

Table 2
Apparent Thickness of Free Product in Wells
Locomotive and Mobile Equipment Repair Shop
ArcelorMittal Burns Harbor, LLC
Burns Harbor, Indiana

Date	Apparent Thickness of Free Product Observed in Recovery Wells (Inches)			
	RW-1	RW-2	RW-3	RW-4
3/24/2011	0.005	0.005	0.75	0.125
3/31/2011	0.125	0.005	0.5	1.0
4/7/2011	0.005	0.125	0.6	0.375
4/14/2011	0.005	0.005	0.75	0.25
4/22/2011	0.005	0.005	1.0	0.5
4/28/2011	0.005	0.125	0.5	0.25
5/5/2011	0.005	0.005	0.25	1.5
5/12/2011	0.005	0.005	0.25	0.75
5/19/2011	0.005	0.125	0.5	1.0
5/27/2011	0.005	0.005	0.75	1.5
6/2/2011	0.005	0.125	0.5	1.5
6/10/2011	0.005	0.125	0.5	2.0
6/16/2011	0.005	0.125	1.0	3.0
6/23/2011	0.005	0.005	1.0	2.5
6/30/2011	0.005	0.25	1.5	3.0
7/7/2011	0.005	0.125	1.0	2.5
7/15/2011	0.005	0.005	0.75	2.0
7/21/2011	0.005	0.005	0.75	1.5
7/29/2011	0.005	0.25	1.0	3.0
8/4/2011	0.005	0.125	4.0	5.0
8/11/2011	0.005	0.005	1.0	10.5
8/18/2011	0.005	0.005	1.0	0.25
8/25/2011	0.005	Not Measured	1.0	0.375
9/1/2011	0.005	Not Measured	0.75	0.375
9/8/2011	0.005	Not Measured	0.25	0.25
9/15/2011	0.005	Not Measured	0.5	0.75
9/22/2011	0.005	Not Measured	1.0	1.25
9/30/2011	0.005	0.125	0.25	0.375
10/6/2011	0.005	0.005	0.375	0.375
10/13/2011	0.005	0.005	0.375	0.50
10/21/2011	0.005	0.005	0.50	0.25
10/28/2011	0.005	0.125	0.25	0.005
11/4/2011	0.005	0.005	0.375	0.125
11/11/2011	0.005	0.005	0.250	0.250
11/18/2011	0.005	0.005	0.250	0.125
11/23/2011	0.005	0.005	0.75	0.50
12/1/2011	0.005	0.125	0.50	0.25
12/8/2011	0.005	0.005	0.375	0.125
12/15/2011	0.005	0.005	0.375	0.125
12/22/2011	0.005	0.005	0.5	0.25
12/29/2011	0.005	0.125	1.0	0.375
1/5/2012	0.005	0.005	0.75	0.25
1/12/2012	0.005	0.125	0.50	0.25
1/20/2012	0.005	0.125	0.75	0.50
1/27/2012	0.005	0.005	0.50	0.25
2/2/2012	0.005	0.125	0.625	0.005
2/9/2012	0.005	0.005	0.50	0.125
2/16/2012	0.005	0.005	0.25	0.125
2/23/2012	0.005	0.005	0.375	0.005
3/1/2012	0.005	0.25	1.25	0.625

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Apparent Thickness of Free Product in Wells
Locomotive and Mobile Equipment Repair Shop
ArcelorMittal Burns Harbor, LLC
Burns Harbor, Indiana

Date	Apparent Thickness of Free Product Observed in Recovery Wells (Inches)			
	RW-1	RW-2	RW-3	RW-4
3/8/2012	0.005	0.25	1.25	0.625
3/15/2012	0.005	0.005	2.5	0.5
3/22/2012	0.005	0.005	0.25	0.125
3/29/2012	0.005	0.005	0.13	0.125
4/6/2012	0.005	0.005	0.750	0.375
4/12/2012	0.005	0.005	0.625	0.125
4/19/2012	0.005	0.005	0.50	0.005
4/26/2012	0.005	0.005	0.50	0.005
5/4/2012	0.005	0.125	0.625	0.25
5/11/2012	0.005	0.125	0.750	0.25
5/31/2012	0.125	0.25	0.75	0.50
6/7/2012	0.125	0.25	1.00	0.50
6/15/2012	0.005	0.005	0.625	0.375
6/22/2012	0.005	0.125	0.375	0.25
6/29/2012	0.005	0.125	0.75	1.0
7/9/2012	0.005	0.005	0.25	0.5
7/13/2012	0.005	0.005	0.125	0.25
7/20/2012	0.005	0.005	0.125	0.25
7/26/2012	0.005	0.005	0.125	0.005
8/2/2012	0.005	0.005	0.25	0.125
8/10/2012	0.005	0.005	0.75	0.375
8/16/2012	0.005	0.125	0.50	0.25
8/23/2012	0.005	0.060	0.25	0.25
8/30/2012	0.005	N/A	0.25	0.375
9/6/2012	0.005	0.005	0.50	0.25
9/14/2012	0.005	0.005	0.25	0.25
9/20/2012	0.005	0.125	0.50	0.25
9/27/2012	0.005	0.125	0.375	0.25
10/4/2012	0.005	0.005	0.50	0.25
10/11/2012	0.005	0.25	1.50	1.00
10/19/2012	0.005	0.005	0.50	0.25
10/26/2012	0.005	0.005	0.25	0.25
11/1/2012	0.005	0.005	1.50	0.25
11/8/2012	0.005	0.005	1.00	0.50
11/21/2012	0.005	0.005	0.50	0.25
11/29/2012	0.005	0.005	0.50	0.25
12/6/2012	0.005	0.005	0.50	0.13
12/13/2012	0.005	0.005	0.50	0.25
12/20/2012	0.005	0.005	0.50	0.25
12/27/2012	0.005	0.005	0.50	0.25
1/3/2013	0.005	0.005	1.00	0.005
1/9/2013	0.005	0.005	1.00	0.005
1/16/2013	0.005	0.005	0.5	0.005
1/24/2013	0.005	0.005	0.5	0.005
2/4/2013	0.005	0.005	0.005	0.005
2/8/2013	0.005	0.005	0.06	0.005
2/14/2013	0.005	0.005	0.06	0.005
2/21/2013	0.00	0.00	0.25	0.25
2/28/2013	0.00	0.00	0.75	0.25
3/8/2013	0.00	0.00	0.75	0.00

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Apparent Thickness of Free Product in Wells
Locomotive and Mobile Equipment Repair Shop
ArcelorMittal Burns Harbor, LLC
Burns Harbor, Indiana

Date	Apparent Thickness of Free Product Observed in Recovery Wells (Inches)			
	RW-1	RW-2	RW-3	RW-4
3/15/2013	0.00	0.00	0.13	0.13
3/22/2013	0.00	0.00	0.00	0.00
3/28/2013	0.00	0.00	0.13	0.00
4/4/2013	0.00	0.00	0.13	0.13
4/12/2013	0.00	0.00	0.00	0.13
4/19/2013	0.00	0.00	0.00	0.00
4/26/2013	0.00	0.00	0.00	0.00
5/3/2013	0.00	0.00	0.00	0.00
5/9/2013	0.06	0.00	0.00	0.00
5/16/2013	0.13	Sheen	0.125	Sheen
5/24/2013	Sheen	Sheen	0.375	Sheen
5/30/2013	Sheen	Sheen	0.125	0.125
6/7/2013	Sheen	0.125	Sheen	Sheen
6/13/2013	0.13	0.125	Sheen	Sheen
6/21/2013	0.00	Sheen	Sheen	0.125
6/28/2013	Sheen	Sheen	0.00	Sheen
7/5/2013	Sheen	0.125	0.125	0.00
7/11/2013	Sheen	Sheen	0.125	Sheen
7/18/2013	Sheen	0.125	0.375	0.25
7/25/2013	Sheen	0.125	0.125	Sheen
8/2/2013	Sheen	Sheen	0.125	0.125
8/9/2013	Sheen	Sheen	0.375	0.125
8/16/2013	Sheen	Sheen	0.250	0.125
8/23/2013	Sheen	Sheen	1.0	0.25
8/30/2013	Sheen	Sheen	0.5	0.125
9/6/2013	Sheen	Sheen	0.625	0.125
9/12/2013	Sheen	Sheen	0.125	1.0
9/19/2013	Sheen	Sheen	0.25	1.0
9/27/2013	0.125	Sheen	0.5	2.5
10/4/2013	0.125	Sheen	0.375	1.0
10/11/2013	Sheen	Sheen	0.125	0.75
10/18/2013	0.125	Sheen	0.50	0.50
10/25/2013	Sheen	Sheen	0.25	Sheen
11/1/2013	Sheen	Sheen	0.25	Sheen
11/8/2013	Sheen	Sheen	0.125	Sheen
11/15/2013	Sheen	Sheen	0.125	Sheen
11/22/2013	Sheen	Sheen	Sheen	Sheen
11/27/2013	Sheen	Sheen	0.125	Sheen
12/4/2013	Sheen	Sheen	Sheen	Sheen
12/13/2013	Sheen	Sheen	0.125	Sheen
12/19/2013	Sheen	Sheen	0.125	Sheen
12/27/2013	Sheen	Sheen	0.125	0.25
1/10/2014	Sheen	Sheen	Sheen	0.125
1/17/2014	Sheen	Sheen	0.125	Sheen
1/31/2014	Sheen	Sheen	Sheen	Sheen
2/12/2014	Unable to Check	Unable to Check	Unable to Check	Unable to Check
2/28/2014	Sheen	Sheen	0.25	Sheen
3/7/2014	Sheen	Sheen	0.125	Sheen
3/14/2014	Sheen	0.25	0.125	Sheen
3/21/2014	Sheen	Sheen	0.25	0.125

Table 2
Apparent Thickness of Free Product in Wells
Locomotive and Mobile Equipment Repair Shop
ArcelorMittal Burns Harbor, LLC
Burns Harbor, Indiana

Date	Apparent Thickness of Free Product Observed in Recovery Wells (Inches)			
	RW-1	RW-2	RW-3	RW-4
3/28/2014	Sheen	Sheen	0.25	1.0
4/4/2014	Sheen	Sheen	Sheen	Sheen
4/11/2014	Sheen	Sheen	Sheen	0.25
4/18/2014	Sheen	Sheen	Sheen	1.0
4/25/2014	Sheen	Sheen	1.0	2.0
4/30/2014	Sheen	Sheen	0.5	1.0
5/8/2014	Sheen	Sheen	1.0	0.07
5/16/2014	Sheen	Sheen	0.06	Sheen
5/23/2014	Sheen	Sheen	Sheen	Sheen
5/30/2014	Sheen	Sheen	Sheen	Sheen
6/6/2014	Sheen	Sheen	Sheen	Sheen
6/13/2014	Sheen	Sheen	0.5	Sheen
6/23/2014	Sheen	Sheen	0.75	Sheen
6/27/2014	Sheen	Sheen	0.25	Sheen
7/7/2014	Sheen	Sheen	0.063	Sheen
7/11/2014	Sheen	Sheen	1.0	Sheen
7/18/2014	Sheen	Sheen	0.5	Sheen
7/23/2014	0.0	0.0	6.0	0.0
8/1/2014	0.0	0.0	1.0	0.0
8/8/2014	0.0	0.0	1.0	0.13
8/15/2014	Sheen	Sheen	0.25	0.25
8/22/2014	Sheen	Sheen	Sheen	Sheen
8/29/2014	0.0	0.0	0.0	0.0
9/4/2014	0.0	0.0	0.0	0.0
9/12/2014	0.0	0.0	0.0	0.0
9/19/2014	0.1	0.1	0.5	0.0
9/26/2014	0.0	0.0	0.5	0.0
10/3/2014	0.0	0.0	0.25	0.0
10/9/2014	0.0	0.1	0.5	0.5
10/16/2014	0.0	0.0	0.5	1.0
10/23/2014	0.0	0.0	0.75	0.25
10/31/2014	0.0	0.0	1.0	0.25
11/6/2014	0.0	0.0	1.0	0.25
11/17/2014	0.0	0.0	0.5	0.1
11/21/2014	0.0	0.0	0.1	0.25
11/26/2014	0.0	0.0	0.1	0.1
12/2/2014	0.0	0.0	0.25	0.1
12/9/2014	0.0	0.0	0.1	0.1
12/16/2014	0.0	0.0	0.25	0.25
12/23/2014	0.0	0.0	0.25	0.25
12/26/2014	0.0	0.0	1.0	1.0

Table 2
Apparent Thickness of Free Product in Wells
Locomotive and Mobile Equipment Repair Shop
ArcelorMittal Burns Harbor, LLC
Burns Harbor, Indiana

Date	Apparent Thickness of Free Product Observed in Recovery Wells (Inches)			
	RW-1	RW-2	RW-3	RW-4
1/2/2015	0.0	0.0	1.00	0.25
1/9/2015	0.0	0.0	0.25	0.1
1/16/2015	0.0	0.0	0.25	0.1
1/23/2015	0.0	0.0	0.75	0.1
1/30/2015	0.0	0.0	1.0	0.25
2/6/2015	0.0	0.0	1.0	0.25
2/13/2015	0.0	0.0	1.25	0.5
2/20/2015	0.0	0.0	0.5	0.25
2/27/2015	0.0	0.0	0.5	0.25
3/6/2015	0.0	0.0	0.75	0.25
3/13/2015	0.0	0.0	0.75	0.1
3/20/2015	0.0	0.0	1.75	2.50
3/27/2015	0.0	0.0	2.50	3.50
4/3/2015	0.0	0.0	2.50	4.00
4/10/2015	0.0	0.0	2.00	4.00
4/17/2015	0.0	0.0	1.00	0.10
4/24/2015	0.0	0.0	0.00	0.25
5/1/2015	0.0	0.0	0.00	0.50
5/8/2015	0.0	0.0	0.50	0.25
5/15/2015	0.0	0.0	0.25	1.00
5/22/2015	0.0	0.0	0.40	0.40
5/29/2015	0.0	0.0	0.19	0.15
6/4/2015	0.0	0.0	0.50	0.50
6/11/2015	0.0	0.0	1.00	0.25
6/18/2015	0.0	0.0	1.00	0.50
6/25/2015	0.0	0.0	0.40	0.05
7/2/2015	0.0	0.0	0.25	0.00
7/9/2015	0.0	0.0	0.50	0.25
7/16/2015	0.0	0.0	1.75	0.25
7/23/2015	0.0	0.0	0.50	0.25
7/30/2015	0.0	0.0	1.00	0.10
8/6/2015	0.0	0.0	1.50	2.50
8/13/2015	0.0	0.0	0.25	2.25
8/20/2015	0.0	0.0	Sheen	Sheen
8/27/2015	0.0	0.0	0.25	Sheen
9/3/2015	0.0	0.0	0.25	Sheen
9/10/2015	0.0	0.0	0.00	0.00
9/17/2015	0.0	0.0	0.75	Sheen
9/24/2015	0.0	0.0	0.00	0.00
10/1/2015	0.0	0.0	Sheen	0.00
10/8/2015	0.0	0.0	0.00	0.00
10/15/2015	0.0	0.0	Sheen	Sheen
10/22/2015	0.0	0.0	0.00	0.00
10/29/2015	0.0	0.0	Sheen	0.50

Table 2
Apparent Thickness of Free Product in Wells
Locomotive and Mobile Equipment Repair Shop
ArcelorMittal Burns Harbor, LLC
Burns Harbor, Indiana

Date	Apparent Thickness of Free Product Observed in Recovery Wells (Inches)			
	RW-1	RW-2	RW-3	RW-4
11/5/2015	0.0	0.0	0.00	0.25
11/12/2015	0.0	0.0	0.00	Sheen
11/19/2015	0.0	0.0	0.00	Sheen
11/25/2015	0.0	0.0	0.00	Sheen
12/2/2015	0.0	0.0	0.00	Sheen
12/3/2015	0.0	0.0	0.00	Sheen
12/10/2015	0.0	0.0	0.00	Sheen
12/17/2015	0.0	0.0	0.00	Sheen
12/30/2015	0.0	0.0	0.00	0.00
1/6/2016	0.0	0.0	0.00	0.00
1/13/2016	0.0	0.0	0.00	0.00
1/20/2016	0.0	0.0	0.00	0.00
1/21/2016	0.0	0.0	0.00	0.00
1/28/2016	0.0	0.0	0.00	0.00
2/4/2016	0.0	0.0	0.00	0.00
2/11/2016	0.0	0.0	0.00	0.00
2/18/2016	0.0	0.0	Sheen	Sheen
2/25/2016	0.0	0.0	Sheen	Sheen
3/3/2016	0.0	0.0	Sheen	Sheen
3/10/2016	0.0	0.0	Sheen	Sheen
3/14/2016	0.0	0.0	Sheen	Sheen
3/18/2016	0.0	0.0	Sheen	Sheen
3/25/2016	0.0	0.0	Sheen	0.50

Notes: Free product checked by lowering a bottom-filling bailer into the water table surface, retrieving it, and measuring with a tape measure. In 1Q2013 and earlier, "0.005 inches" indicates that only a sheen was present.

APPENDIX A

Weekly Operating Records

Weaver Consultants Group

Weekly Operations and Maintenance Report
Mittal Steel USA
Burns Harbor
Locomotive Shop Diesel Fuel Remediation System

Date: 1/6/2016 Time: 11:00:00 AM Observations by: David Ekkens
Weather Conditions: Sunny, 62ºF Weaver Consultants Group, LLC

FUNCTIONAL PARAMETERS

Panel Warning Lights Illuminated? (Y/N): N :Full Tank N :Low Vac. N :Low Press. N :Fire Suppression
Blower Operating Normally? (Y/N): N
Blower Vacuum on Arrival (in H_2O): 16 Blower Vacuum on Departure (in H_2O): 0
Blower Filter OK? (Y/N): Y If no, was it replaced? N/A
Air Compressor Operating Normally? (Y/N): Y Observed cycle pressures (psi): 130 :Low 185 :High
Compressor Auto Drain OK? (Y/N): N
Pump Pressure (psi): 83
Shed Exhaust Fan Working Normally? (Y/N): Y Set Point for Operation (°F): 90
Shed Heater Operating Normally? (Y/N): Y Set Point for Operation (°F): 50
Water in Vacuum Lines? Yes, drained
Compressor Oil Level OK? OK.

OIL RECOVERY MEASUREMENTS

			Read from Tank Chart
Total Fluid Level in Tank (in):	7.25	Total Fluid Volume in Tank (gal):	49.1
Water Level in Tank (in):	6.75	Water Volume in tank (gal):	44.29
		Oil Volume in Tank (total fluid volume less water volume (gal):	4.81

Pumping time (Read from Controller):

RW-1	745	:hr	13	:min	**RW-3**	673 :hr	12 :min
RW-2	567	:hr	50	:min	**RW-4**	684 :hr	47 :min

FREE PRODUCT MEASUREMENTS

Free Product in RW-1 (in): 0.00 Free Product in RW-3 (in): 0.00
Free Product in RW-2 (in): 0.00 Free Product in RW-4 (in): 0.00

Remarks: Drained 2.5 gal from knockout, .5 L from compressor.

Contact: S. Stanford, Weaver Consultants Group, LLC (574) 271-3447 Tel.
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Project No. 2387-354-04-11

Weaver Consultants Group

Weekly Operations and Maintenance Report
Mittal Steel USA
Burns Harbor
Locomotive Shop Diesel Fuel Remediation System

Date: 1/13/2016 Time: 11:00:00 AM Observations by: David Ekkens
Weather Conditions: Cloudy, 8ºF Weaver Consultants Group, LLC

FUNCTIONAL PARAMETERS

Panel Warning Lights Illuminated? (Y/N): N :Full Tank Y :Low Vac. N :Low Press. N :Fire Suppression
Blower Operating Normally? (Y/N): N
Blower Vacuum on Arrival (in H_2O): 0 Blower Vacuum on Departure (in H_2O): 0
Blower Filter OK? (Y/N): Y If no, was it replaced? N/A
Air Compressor Operating Normally? (Y/N): Y Observed cycle pressures (psi): 130 :Low 185 :High
Compressor Auto Drain OK? (Y/N): N
Pump Pressure (psi): 82
Shed Exhaust Fan Working Normally? (Y/N): Y Set Point for Operation (°F): 90
Shed Heater Operating Normally? (Y/N): Y Set Point for Operation (°F): 50
Water in Vacuum Lines? Yes, Not drained hose frozen.
Compressor Oil Level OK? OK, oil added.

OIL RECOVERY MEASUREMENTS

			Read from Tank Chart
Total Fluid Level in Tank (in):	7.75	Total Fluid Volume in Tank (gal):	54.12
Water Level in Tank (in):	7.50	Water Volume in tank (gal):	51.61
		Oil Volume in Tank (total fluid volume less water volume (gal):	2.51

Pumping time (Read from Controller):

RW-1	749	:hr	53	:min	**RW-3**	677 :hr	52 :min
RW-2	570	:hr	10	:min	**RW-4**	689 :hr	27 :min

FREE PRODUCT MEASUREMENTS

Free Product in RW-1 (in): 0.00 Free Product in RW-3 (in): 0.00
Free Product in RW-2 (in): 0.00 Free Product in RW-4 (in): 0.00

Kockout tank and compressor drains frozen.
Remarks: Blower low pressure alarm on arrival. Started making strange noises when restarted. Blower left off.

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Weaver Consultants Group

Weekly Operations and Maintenance Report
Mittal Steel USA
Burns Harbor
Locomotive Shop Diesel Fuel Remediation System

Date: 1/20/2016 Time: 11:00:00 AM Observations by: David Ekkens
Weather Conditions: Sunny 15ºF Weaver Consultants Group, LLC

FUNCTIONAL PARAMETERS

Panel Warning Lights Illuminated? (Y/N): N :Full Tank N :Low Vac. N :Low Press. N :Fire Suppression
Blower Operating Normally? (Y/N): N
Blower Vacuum on Arrival (in H_2O): 14 Blower Vacuum on Departure (in H_2O): 0
Blower Filter OK? (Y/N): Y If no, was it replaced? N/A
Air Compressor Operating Normally? (Y/N): Y Observed cycle pressures (psi): 130 :Low 185 :High
Compressor Auto Drain OK? (Y/N): N
Pump Pressure (psi): 82
Shed Exhaust Fan Working Normally? (Y/N): Y Set Point for Operation (°F): 90
Shed Heater Operating Normally? (Y/N): Y Set Point for Operation (°F): 50
Water in Vacuum Lines? Yes, Drained
Compressor Oil Level OK? OK

OIL RECOVERY MEASUREMENTS

			Read from Tank Chart
Total Fluid Level in Tank (in):	8.00	Total Fluid Volume in Tank (gal):	56.63
Water Level in Tank (in):	7.50	Water Volume in tank (gal):	51.61
		Oil Volume in Tank (total fluid volume less water volume (gal):	5.02

Pumping time (Read from Controller):

RW-1	754	:hr	33	:min	**RW-3**	682 :hr	32 :min
RW-2	572	:hr	30	:min	**RW-4**	694 :hr	7 :min

FREE PRODUCT MEASUREMENTS

Free Product in RW-1 (in): 0.00 Free Product in RW-3 (in): 0.00
Free Product in RW-2 (in): 0.00 Free Product in RW-4 (in): 0.00

Remarks: Drained 1.5 gallons from knockout, .5 gal from compressor.

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Weaver Consultants Group

Weekly Operations and Maintenance Report
Mittal Steel USA
Burns Harbor
Locomotive Shop Diesel Fuel Remediation System

Date: 1/21/2016 Time: 12:30:00 AM Observations by: David Ekkens
Weather Conditions: Sunny 21ºF Weaver Consultants Group, LLC

FUNCTIONAL PARAMETERS

Panel Warning Lights Illuminated? (Y/N): N :Full Tank N :Low Vac. N :Low Press. N :Fire Suppression
Blower Operating Normally? (Y/N): N
Blower Vacuum on Arrival (in H_2O): 14 Blower Vacuum on Departure (in H_2O): 0
Blower Filter OK? (Y/N): Y If no, was it replaced? N/A
Air Compressor Operating Normally? (Y/N): Y Observed cycle pressures (psi): 130 :Low 185 :High
Compressor Auto Drain OK? (Y/N): N
Pump Pressure (psi): 89
Shed Exhaust Fan Working Normally? (Y/N): Y Set Point for Operation (°F): 90
Shed Heater Operating Normally? (Y/N): Y Set Point for Operation (°F): 50
Water in Vacuum Lines? Yes, Drained
Compressor Oil Level OK? OK

OIL RECOVERY MEASUREMENTS

			Read from Tank Chart
Total Fluid Level in Tank (in):	8.00	Total Fluid Volume in Tank (gal):	56.63
Water Level in Tank (in):	7.50	Water Volume in tank (gal):	51.61
		Oil Volume in Tank (total fluid volume less water volume (gal):	5.02

Pumping time (Read from Controller):

RW-1	755	:hr	13	:min	**RW-3**	683 :hr	12 :min
RW-2	572	:hr	50	:min	**RW-4**	694 :hr	47 :min

FREE PRODUCT MEASUREMENTS

Free Product in RW-1 (in): 0.00 Free Product in RW-3 (in): 0.00
Free Product in RW-2 (in): 0.00 Free Product in RW-4 (in): 0.00

Remarks: Drained 1 gallons from knockout, 0 gal from compressor.

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Weekly Operations and Maintenance Report
Mittal Steel USA
Burns Harbor
Locomotive Shop Diesel Fuel Remediation System

Date: 1/28/2016 Time: 12:00 AM Observations by: David Ekkens
Weather Conditions: Cloudy, Windy 33ºF Weaver Consultants Group, LLC

FUNCTIONAL PARAMETERS

Panel Warning Lights Illuminated? (Y/N): N :Full Tank N :Low Vac. N :Low Press. N :Fire Suppression
Blower Operating Normally? (Y/N): Y
Blower Vacuum on Arrival (in H_2O): 16 Blower Vacuum on Departure (in H_2O): 12
Blower Filter OK? (Y/N): Y If no, was it replaced? N/A
Air Compressor Operating Normally? (Y/N): Y Observed cycle pressures (psi): 130 :Low 185 :High
Compressor Auto Drain OK? (Y/N): N
Pump Pressure (psi): 86
Shed Exhaust Fan Working Normally? (Y/N): Y Set Point for Operation (°F): 90
Shed Heater Operating Normally? (Y/N): Y Set Point for Operation (°F): 50
Water in Vacuum Lines? Yes, Drained
Compressor Oil Level OK? OK

OIL RECOVERY MEASUREMENTS

			Read from Tank Chart
Total Fluid Level in Tank (in):	8.50	Total Fluid Volume in Tank (gal):	62.84
Water Level in Tank (in):	8.25	Water Volume in tank (gal):	59.2
		Oil Volume in Tank (total fluid volume less water volume (gal):	3.64

Pumping time (Read from Controller):

RW-1	759	:hr	53	:min	**RW-3**	687 :hr	52 :min
RW-2	575	:hr	10	:min	**RW-4**	699 :hr	27 :min

FREE PRODUCT MEASUREMENTS

Free Product in RW-1 (in): 0.00 Free Product in RW-3 (in): 0.00
Free Product in RW-2 (in): 0.00 Free Product in RW-4 (in): 0.00

Remarks: Drained 1.5 gallons from knockout, 0.5 L from compressor.

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Weaver Consultants Group

Weekly Operations and Maintenance Report
Mittal Steel USA
Burns Harbor
Locomotive Shop Diesel Fuel Remediation System

Date: 2/4/2016 Time: 12:00 AM Observations by: David Ekkens
Weather Conditions: Clear 23ºF Weaver Consultants Group, LLC

FUNCTIONAL PARAMETERS

Panel Warning Lights Illuminated? (Y/N): N :Full Tank N :Low Vac. N :Low Press. N :Fire Suppression
Blower Operating Normally? (Y/N): Y
Blower Vacuum on Arrival (in H_2O): 16 Blower Vacuum on Departure (in H_2O): 12
Blower Filter OK? (Y/N): Y If no, was it replaced? N/A
Air Compressor Operating Normally? (Y/N): Y Observed cycle pressures (psi): 130 :Low 185 :High
Compressor Auto Drain OK? (Y/N): N
Pump Pressure (psi): 92
Shed Exhaust Fan Working Normally? (Y/N): Y Set Point for Operation (°F): 90
Shed Heater Operating Normally? (Y/N): Y Set Point for Operation (°F): 50
Water in Vacuum Lines? Yes, Drained
Compressor Oil Level OK? OK

OIL RECOVERY MEASUREMENTS

			Read from Tank Chart
Total Fluid Level in Tank (in):	9.50	Total Fluid Volume in Tank (gal):	72.53
Water Level in Tank (in):	9.25	Water Volume in tank (gal):	69.83
		Oil Volume in Tank (total fluid volume less water volume (gal):	2.70

Pumping time (Read from Controller):

RW-1	764	:hr	33	:min	**RW-3**	692 :hr	32 :min
RW-2	577	:hr	30	:min	**RW-4**	704 :hr	7 :min

FREE PRODUCT MEASUREMENTS

Free Product in RW-1 (in): 0.00 Free Product in RW-3 (in): 0.00
Free Product in RW-2 (in): 0.00 Free Product in RW-4 (in): 0.00

Remarks: Drained 2 gallons from knockout, 0.5 L from compressor.

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Weaver Consultants Group

Weekly Operations and Maintenance Report
Mittal Steel USA
Burns Harbor
Locomotive Shop Diesel Fuel Remediation System

Date: 2/11/2016 Time: 11:00 AM Observations by: David Ekkens
Weather Conditions: Clear, Windy 17ºF Weaver Consultants Group, LLC

FUNCTIONAL PARAMETERS

Panel Warning Lights Illuminated? (Y/N): N :Full Tank N :Low Vac. N :Low Press. N :Fire Suppression
Blower Operating Normally? (Y/N): Y
Blower Vacuum on Arrival (in H_2O): 12 Blower Vacuum on Departure (in H_2O): 12
Blower Filter OK? (Y/N): Y If no, was it replaced? N/A
Air Compressor Operating Normally? (Y/N): Y Observed cycle pressures (psi): 130 :Low 185 :High
Compressor Auto Drain OK? (Y/N): N
Pump Pressure (psi): 93
Shed Exhaust Fan Working Normally? (Y/N): Y Set Point for Operation (°F): 90
Shed Heater Operating Normally? (Y/N): Y Set Point for Operation (°F): 50
Water in Vacuum Lines? Yes, Drained
Compressor Oil Level OK? OK

OIL RECOVERY MEASUREMENTS

			Read from Tank Chart
Total Fluid Level in Tank (in):	10.25	Total Fluid Volume in Tank (gal):	80.85
Water Level in Tank (in):	10.00	Water Volume in tank (gal):	78.01
		Oil Volume in Tank (total fluid volume less water volume (gal):	2.84

Pumping time (Read from Controller):							
	RW-1	769 :hr	13 :min	**RW-3**	697 :hr	12 :min
	RW-2	579 :hr	50 :min	**RW-4**	708 :hr	47 :min

FREE PRODUCT MEASUREMENTS

Free Product in RW-1 (in): 0.00 Free Product in RW-3 (in): 0.00
Free Product in RW-2 (in): 0.00 Free Product in RW-4 (in): 0.00

Remarks: Drained 2 gallons from knockout, 0.5 L from compressor.

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Weaver Consultants Group

Weekly Operations and Maintenance Report
Mittal Steel USA
Burns Harbor
Locomotive Shop Diesel Fuel Remediation System

Date: 2/18/2016 Time: 11:00 AM Observations by: David Ekkens
Weather Conditions: Clear, Gusty 27ºF Weaver Consultants Group, LLC

FUNCTIONAL PARAMETERS

Panel Warning Lights Illuminated? (Y/N): N :Full Tank N :Low Vac. N :Low Press. N :Fire Suppression
Blower Operating Normally? (Y/N): Y
Blower Vacuum on Arrival (in H_2O): 12 Blower Vacuum on Departure (in H_2O): 12
Blower Filter OK? (Y/N): Y If no, was it replaced? N/A
Air Compressor Operating Normally? (Y/N): Y Observed cycle pressures (psi): 130 :Low 185 :High
Compressor Auto Drain OK? (Y/N): N
Pump Pressure (psi): 94
Shed Exhaust Fan Working Normally? (Y/N): Y Set Point for Operation (°F): 90
Shed Heater Operating Normally? (Y/N): Y Set Point for Operation (°F): 50
Water in Vacuum Lines? Yes, Drained
Compressor Oil Level OK? OK

OIL RECOVERY MEASUREMENTS

			Read from Tank Chart
Total Fluid Level in Tank (in):	10.50	Total Fluid Volume in Tank (gal):	83.62
Water Level in Tank (in):	10.25	Water Volume in tank (gal):	80.85
		Oil Volume in Tank (total fluid volume less water volume (gal):	2.77

Pumping time (Read from Controller):

RW-1	773	:hr	53	:min	**RW-3**	701 :hr	52 :min
RW-2	582	:hr	10	:min	**RW-4**	713 :hr	27 :min

FREE PRODUCT MEASUREMENTS

Free Product in RW-1 (in): 0.00 Free Product in RW-3 (in): Sheen
Free Product in RW-2 (in): 0.00 Free Product in RW-4 (in): Sheen

Remarks: Drained 2 gallons from knockout, 0.5 L from compressor.

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Weekly Operations and Maintenance Report
Mittal Steel USA
Burns Harbor
Locomotive Shop Diesel Fuel Remediation System

Date: 2/25/2016 Time: 2:00 PM Observations by: David Ekkens
Weather Conditions: Cloudy, Windy 32ºF Weaver Consultants Group, LLC

FUNCTIONAL PARAMETERS

Panel Warning Lights Illuminated? (Y/N): N :Full Tank N :Low Vac. N :Low Press. N :Fire Suppression
Blower Operating Normally? (Y/N): Y
Blower Vacuum on Arrival (in H_2O): 14-18 Blower Vacuum on Departure (in H_2O): 12
Blower Filter OK? (Y/N): Y If no, was it replaced? N/A
Air Compressor Operating Normally? (Y/N): Y Observed cycle pressures (psi): 130 :Low 185 :High
Compressor Auto Drain OK? (Y/N): N
Pump Pressure (psi): 93
Shed Exhaust Fan Working Normally? (Y/N): Y Set Point for Operation (°F): 90
Shed Heater Operating Normally? (Y/N): Y Set Point for Operation (°F): 50
Water in Vacuum Lines? Yes, Drained
Compressor Oil Level OK? OK

OIL RECOVERY MEASUREMENTS

			Read from Tank Chart
Total Fluid Level in Tank (in):	10.75	Total Fluid Volume in Tank (gal):	86.53
Water Level in Tank (in):	10.50	Water Volume in tank (gal):	83.62
		Oil Volume in Tank (total fluid volume less water volume (gal):	2.91

Pumping time (Read from Controller):							
	RW-1	778 :hr	33 :min	**RW-3**	706 :hr	32 :min
	RW-2	584 :hr	30 :min	**RW-4**	718 :hr	7 :min

FREE PRODUCT MEASUREMENTS

Free Product in RW-1 (in): 0.00 Free Product in RW-3 (in): Sheen
Free Product in RW-2 (in): 0.00 Free Product in RW-4 (in): Sheen

Remarks: Drained 1 gallons from knockout, 0.5 L from compressor.

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Project No. 2387-354-04-11

Weaver Consultants Group

Weekly Operations and Maintenance Report
Mittal Steel USA
Burns Harbor
Locomotive Shop Diesel Fuel Remediation System

Date: 3/3/2016 Time: 11:00 AM Observations by: David Ekkens
Weather Conditions: Cloudy, Snowing 27ºF Weaver Consultants Group, LLC

FUNCTIONAL PARAMETERS

Panel Warning Lights Illuminated? (Y/N): N :Full Tank N :Low Vac. N :Low Press. N :Fire Suppression
Blower Operating Normally? (Y/N): Y
Blower Vacuum on Arrival (in H_2O): 14-18 Blower Vacuum on Departure (in H_2O): 12
Blower Filter OK? (Y/N): Y If no, was it replaced? N/A
Air Compressor Operating Normally? (Y/N): Y Observed cycle pressures (psi): 130 :Low 185 :High
Compressor Auto Drain OK? (Y/N): N
Pump Pressure (psi): 93
Shed Exhaust Fan Working Normally? (Y/N): Y Set Point for Operation (°F): 90
Shed Heater Operating Normally? (Y/N): Y Set Point for Operation (°F): 50
Water in Vacuum Lines? Yes, Drained
Compressor Oil Level OK? OK

OIL RECOVERY MEASUREMENTS

			Read from Tank Chart
Total Fluid Level in Tank (in):	11.00	Total Fluid Volume in Tank (gal):	89.36
Water Level in Tank (in):	10.50	Water Volume in tank (gal):	83.62
		Oil Volume in Tank (total fluid volume less water volume (gal):	5.74

Pumping time (Read from Controller):

RW-1	783	:hr	13	:min	**RW-3**	711 :hr	12 :min
RW-2	586	:hr	50	:min	**RW-4**	722 :hr	47 :min

FREE PRODUCT MEASUREMENTS

Free Product in RW-1 (in): 0.00 Free Product in RW-3 (in): Sheen
Free Product in RW-2 (in): 0.00 Free Product in RW-4 (in): 0.00

Remarks: Drained .5 gallons from knockout, 0.5 L from compressor.

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Weekly Operations and Maintenance Report
Mittal Steel USA
Burns Harbor
Locomotive Shop Diesel Fuel Remediation System

Date: 3/10/2016 Time: 11:00 AM Observations by: David Ekkens
Weather Conditions: Cloudy 47ºF Weaver Consultants Group, LLC

FUNCTIONAL PARAMETERS

Panel Warning Lights Illuminated? (Y/N): N :Full Tank N :Low Vac. N :Low Press. N :Fire Suppression
Blower Operating Normally? (Y/N): Y
Blower Vacuum on Arrival (in H_2O): 14-18 Blower Vacuum on Departure (in H_2O): 12
Blower Filter OK? (Y/N): Y If no, was it replaced? N/A
Air Compressor Operating Normally? (Y/N): Y Observed cycle pressures (psi): 130 :Low 185 :High
Compressor Auto Drain OK? (Y/N): N
Pump Pressure (psi): 92
Shed Exhaust Fan Working Normally? (Y/N): Y Set Point for Operation (°F): 90
Shed Heater Operating Normally? (Y/N): Y Set Point for Operation (°F): 50
Water in Vacuum Lines? Yes, Drained
Compressor Oil Level OK? OK

OIL RECOVERY MEASUREMENTS

		Read from Tank Chart
Total Fluid Level in Tank (in):	11.00	Total Fluid Volume in Tank (gal): 89.36
Water Level in Tank (in):	10.75	Water Volume in tank (gal): 86.53
		Oil Volume in Tank (total fluid volume less water volume (gal): 2.83

Pumping time (Read from Controller):

RW-1	787	:hr	53	:min	**RW-3**	715 :hr	52 :min
RW-2	589	:hr	10	:min	**RW-4**	727 :hr	27 :min

FREE PRODUCT MEASUREMENTS

Free Product in RW-1 (in): 0.00 Free Product in RW-3 (in): Sheen
Free Product in RW-2 (in): 0.00 Free Product in RW-4 (in): Sheen

Remarks: Drained .5 gallons from knockout, 0.5 L from compressor.

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Weekly Operations and Maintenance Report
Mittal Steel USA
Burns Harbor
Locomotive Shop Diesel Fuel Remediation System

Date: 3/14/2016 Time: 11:00 AM Observations by: David Ekkens
Weather Conditions: Foggy 43ºF Weaver Consultants Group, LLC

FUNCTIONAL PARAMETERS

Panel Warning Lights Illuminated? (Y/N): N :Full Tank N :Low Vac. N :Low Press. N :Fire Suppression
Blower Operating Normally? (Y/N): Y
Blower Vacuum on Arrival (in H_2O): 14-18 Blower Vacuum on Departure (in H_2O): 12
Blower Filter OK? (Y/N): Y If no, was it replaced? N/A
Air Compressor Operating Normally? (Y/N): Y Observed cycle pressures (psi): 130 :Low 185 :High
Compressor Auto Drain OK? (Y/N): N
Pump Pressure (psi): 74
Shed Exhaust Fan Working Normally? (Y/N): Y Set Point for Operation (°F): 90
Shed Heater Operating Normally? (Y/N): Y Set Point for Operation (°F): 50
Water in Vacuum Lines? Yes, Drained
Compressor Oil Level OK? OK

OIL RECOVERY MEASUREMENTS

			Read from Tank Chart
Total Fluid Level in Tank (in):	11.00	Total Fluid Volume in Tank (gal):	89.36
Water Level in Tank (in):	10.75	Water Volume in tank (gal):	86.53
		Oil Volume in Tank (total fluid volume less water volume (gal):	2.83

Pumping time (Read from Controller):

RW-1	790	:hr	33	:min	**RW-3**	718 :hr	32 :min
RW-2	590	:hr	30	:min	**RW-4**	730 :hr	7 :min

FREE PRODUCT MEASUREMENTS

Free Product in RW-1 (in): 0.00 Free Product in RW-3 (in): Sheen
Free Product in RW-2 (in): 0.00 Free Product in RW-4 (in): Sheen

Remarks: Drained .5 gallons from knockout, 0.5 L from compressor.

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Weaver Consultants Group

Weekly Operations and Maintenance Report
Mittal Steel USA
Burns Harbor
Locomotive Shop Diesel Fuel Remediation System

Date: 3/18/2016 Time: 11:00 AM Observations by: David Ekkens
Weather Conditions: Cloudy, Windy 38ºF Weaver Consultants Group, LLC

FUNCTIONAL PARAMETERS

Panel Warning Lights Illuminated? (Y/N): N :Full Tank N :Low Vac. N :Low Press. N :Fire Suppression
Blower Operating Normally? (Y/N): Y
Blower Vacuum on Arrival (in H_2O): 10 Blower Vacuum on Departure (in H_2O): 12
Blower Filter OK? (Y/N): Y If no, was it replaced? N/A
Air Compressor Operating Normally? (Y/N): Y Observed cycle pressures (psi): 130 :Low 185 :High
Compressor Auto Drain OK? (Y/N): N
Pump Pressure (psi): 81
Shed Exhaust Fan Working Normally? (Y/N): Y Set Point for Operation (°F): 90
Shed Heater Operating Normally? (Y/N): Y Set Point for Operation (°F): 50
Water in Vacuum Lines? Yes, Drained
Compressor Oil Level OK? OK

OIL RECOVERY MEASUREMENTS

			Read from Tank Chart
Total Fluid Level in Tank (in):	11.50	Total Fluid Volume in Tank (gal):	95.17
Water Level in Tank (in):	11.25	Water Volume in tank (gal):	92.27
		Oil Volume in Tank (total fluid volume less water volume (gal):	2.90

Pumping time (Read from Controller):							
	RW-1	793 :hr	13 :min	**RW-3**	721 :hr	32 :min
	RW-2	591 :hr	50 :min	**RW-4**	37 :hr	47 :min

FREE PRODUCT MEASUREMENTS

Free Product in RW-1 (in): 0.00 Free Product in RW-3 (in): Sheen
Free Product in RW-2 (in): 0.00 Free Product in RW-4 (in): Sheen

Remarks: Drained .5 gallons from knockout, 0.5 L from compressor.

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Weekly Operations and Maintenance Report
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Date: 3/25/2016 Time: 11:00 AM Observations by: David Ekkens
Weather Conditions: Cloudy 34ºF Weaver Consultants Group, LLC

FUNCTIONAL PARAMETERS

Panel Warning Lights Illuminated? (Y/N): N :Full Tank N :Low Vac. N :Low Press. N :Fire Suppression
Blower Operating Normally? (Y/N): Y
Blower Vacuum on Arrival (in H_2O): 12 Blower Vacuum on Departure (in H_2O): 12
Blower Filter OK? (Y/N): Y If no, was it replaced? N/A
Air Compressor Operating Normally? (Y/N): Y Observed cycle pressures (psi): 130 :Low 185 :High
Compressor Auto Drain OK? (Y/N): N
Pump Pressure (psi): 80
Shed Exhaust Fan Working Normally? (Y/N): Y Set Point for Operation (°F): 90
Shed Heater Operating Normally? (Y/N): Y Set Point for Operation (°F): 50
Water in Vacuum Lines? Yes, Drained
Compressor Oil Level OK? OK

OIL RECOVERY MEASUREMENTS

			Read from Tank Chart
Total Fluid Level in Tank (in):	11.50	Total Fluid Volume in Tank (gal):	95.17
Water Level in Tank (in):	11.25	Water Volume in tank (gal):	92.27
		Oil Volume in Tank (total fluid volume less water volume (gal):	2.90

Pumping time (Read from Controller):

RW-1	797	:hr	53	:min	**RW-3**	725 :hr	52 :min
RW-2	594	:hr	10	:min	**RW-4**	737 :hr	17 :min

FREE PRODUCT MEASUREMENTS

Free Product in RW-1 (in): 0.00 Free Product in RW-3 (in): Sheen
Free Product in RW-2 (in): 0.00 Free Product in RW-4 (in): 0.50

Remarks: Drained .5 L from knockout, 0.5 L from compressor.

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